

METHODS OF RECORDING VOICE SIGNALS IN A MOBILE SET**ABSTRACT**

5 The present invention relates to a mobile set integrating a memory efficient data
storage system for the real time recording of voice conversations, data transmission and the
like. The data recorder has the capacity to selectively choose the most relevant time frames
of a conversation for recording, while discarding time frames that only occupy additional
space in memory without holding any conversational data. The invention executes a series of
10 logic steps on each signal including a voice activity detector step, frame comparison step, and
sequential recording step. A mobile set having a modified architecture for performing the
methods of the present invention is also disclosed.